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- 1 [Visual analysis of fingering for pedagogical violin transcription](#)  
 Bingjun Zhang, Jia Zhu, Ye Wang, Wee Kheng Leow  
 September 2007 **MULTIMEDIA '07: Proceedings of the 15th international conference on multimedia**  
**Publisher:** ACM [Request Permissions](#)  
 Full text available: Pdf (460.58 KB) [Additional Information: full citation, abstract, bibliometrics](#)  
**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 51, Citation

Automatic music transcription, in spite of decades of research, remains The traditional audio-only approach has yet to achieve a satisfactory pe aided pedagogical system. Inspired by the high ...

**Keywords:** automatic note inference, multiple finger tracking, music tr

- 2 [Communications of the ACM: Volume 52 Issue 3](#)  
 March 2009 Communications of the ACM  
**Publisher:** ACM  
 Full text available: Digital Edition , Pdf (7.04 MB) [Additional Information: full citation, bibliometrics](#)  
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- 3 [Communications of the ACM: Volume 52 Issue 4](#)  
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- 4 [Communications of the ACM: Volume 51 Issue 9](#)  
 September 2008 Communications of the ACM  
**Publisher:** ACM  
 Full text available: Digital Edition , Pdf (8.68 MB) [Additional Information: full citation, bibliometrics](#)  
**Bibliometrics:** Downloads (6 Weeks): 620, Downloads (12 Months): 4105, Citi
- 5 [interactions: Volume 15 Issue 2](#)  
 March 2008 interactions  
**Publisher:** ACM  
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## 6 Interface design strategies for computer-assisted speech transcription



Saturnino Luz, Masood Masoodian, Bill Rogers, Chris Deering

December 2008 **OZCHI '08: Proceedings of the 20th Australasian Conference on Computer-Human Interaction: Designing for Habitus and Habitat**

**Publisher:** ACM Request Permissions

Full text available: Pdf (856.76 KB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 4, Citation Count: 0

A set of user interface design techniques for computer-assisted speech transcription have been evaluated with respect to task performance and usability. These techniques include mechanisms which originated in dictation systems ...

**Keywords:** automatic speech recognition, computer-assisted speech transcription, user interface design

## 7 TIMELINES



Themes in the early history of HCI--some unanswered questions

Ronald M. Baecker

March 2008 **interactions**, Volume 15 Issue 2

**Publisher:** ACM Request Permissions

Full text available: Digital Edition, Html (35.26 KB), Pdf (217.63 KB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 340, Citation Count: 1

## 8 Effective use of multimedia for computer-assisted musical instrument tutoring



Graham Percival, Ye Wang, George Tzanetakis

September 2007 **Emme '07: Proceedings of the international workshop on Interactive Music: Multimedia Education**

**Publisher:** ACM Request Permissions

Full text available: Pdf (879.31 KB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

**Bibliometrics:** Downloads (6 Weeks): 18, Downloads (12 Months): 146, Citation Count: 1

This paper presents a survey of recent work in computer-assisted music education. It outlines several questions to consider when developing future projects. The area in greatest need of computer assistance ...

**Keywords:** animation, computer-assisted musical instrument tutoring, transcription, support system, visualization

## 9 Queueing Network-Model Human Processor (QN-MHP): A computational model of human-machine systems



Yili Liu, Robert Feyen, Omer Tsimhoni

March 2006 **Transactions on Computer-Human Interaction (TOCHI)**, Volume 13 Issue 3

**Publisher:** ACM Request Permissions


Full text available: Pdf (1.25 MB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

**Bibliometrics:** Downloads (6 Weeks): 24, Downloads (12 Months): 187, Citation Count: 1

Queueing Network-Model Human Processor (QN-MHP) is a computational approach to cognitive modeling: the queueing network approach (exemplified by the MHP/GOMS family of models, ...

**Keywords:** Cognitive model, cognition, human information processing, user interfaces

# 10 The GOMS family of user interface analysis techniques: comparison

 Bonnie E. John, David E. Kieras

December 1996 **Transactions on Computer-Human Interaction (TOCHI)**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (594.14 KB) Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 48, Downloads (12 Months): 505, Citations

Since the publication of The Psychology of Human-Computer Interaction, of the most widely known theoretical concepts in HCI. This concept has analysis techniques that differ in appearance ...


**Keywords:** GOMS, cognitive modeling, usability engineering

# 11 Computer simulation: organization and form

 Martin Greenberger

July 1966 **Communications of the ACM** , Volume 9 Issue 7

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (654.43 KB) Additional Information: [full citation](#)


**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 10, Citations

# 12 The IBM technical information retrieval center (ITIRC) system technique

 Samuel Kaufman


July 1966 **Communications of the ACM** , Volume 9 Issue 7

**Publisher:** ACM  [Request Permissions](#)

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# 13 On an automated method of symbolically analyzing times of computation

 Paul Hamburger

July 1966 **Communications of the ACM** , Volume 9 Issue 7

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (654.43 KB) Additional Information: [full citation](#)


**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 10, Citations

# 14 On-line textile designing

 Janice R. Lounie, John J. Lorenzo, Abel Bomberault


July 1966 **Communications of the ACM** , Volume 9 Issue 7

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (654.43 KB) Additional Information: [full citation](#)


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**15** [Convergence of the Q-R algorithm for Hessenberg matrices](#)

 [Beresford Parlett](#)


July 1966 **Communications of the ACM** , Volume 9 Issue 7

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (654.43 KB) Additional Information: [full citation](#)


**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 13, Citation

**16** [Display-oriented computer usage system](#)

 [Harold S. Corbin, Werner L. Frank](#)


July 1966 **Communications of the ACM** , Volume 9 Issue 7

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (654.43 KB) Additional Information: [full citation](#)


**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 13, Citation

**17** [Man/machine communications in the biological medical research em](#)

 [W. E. Farley, A. H. Puidis, T. M. Minckler, L. D. Gady](#)


July 1966 **Communications of the ACM** , Volume 9 Issue 7

**Publisher:** ACM  [Request Permissions](#)

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**18** [Statistics in numerical analysis](#)

 [R. W. Hamming](#)


July 1966 **Communications of the ACM** , Volume 9 Issue 7

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Full text available:  [Pdf](#) (654.43 KB) Additional Information: [full citation](#)


**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 18, Citation

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 [C. D. Isaacs, J. E. Stangle](#)

July 1966 **Communications of the ACM** , Volume 9 Issue 7

**Publisher:** ACM  [Request Permissions](#)

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 [Mark Halpern](#)

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